

Remarks:

This application has been reviewed carefully in view of the Office Action mailed August 19, 2005, ("the Office Action"). In the Office Action, the drawings were required to show the control system. Claims 4, 11, 12, 14, 15 and 19 were rejected under 35 U.S.C. § 112. Claims 1, 2, 5-7, 9, 10, 16, 17-19, 20, 28 and 29 were rejected under 35 U.S.C. § 102(b), as allegedly anticipated by Novotny et al. Claims 3, 4 and 21-26 were rejected under 35 U.S.C. § 103(a), as allegedly unpatentable over Novotny et al. in view of Wu. Claim 13 was rejected under 35 U.S.C. § 103(a), as allegedly unpatentable over Novotny et al. Claims 11, 12, 14 and 15 were rejected under 35 U.S.C. § 103(a), as allegedly unpatentable over Novotny et al. in view of Suzuki et al. Claim 8 was rejected under 35 U.S.C. § 103(a), as allegedly unpatentable over Novotny et al. in view of Casebolt. Finally, claims 1-29 were provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-23 of copending Application No. 10/772,115.

New claims 30-39 have been added to the application. No new matter has been added in this amendment.

The above-described objections and rejections are addressed as follows:

I. NEW DRAWINGS AND AMENDMENTS TO THE SPECIFICATION

New figures 10 and 11 have been added to the application. The Brief Description of the Drawings and three paragraphs of the Detailed Description of the Preferred Embodiments have been amended to reflect the addition of the new figures.

No new matter is added by this Amendment. Applicants note that every feature of new Figure 10 is fully disclosed in the original paragraph beginning at page 17, line 9. Likewise, every feature of new Figure 11 is fully disclosed in the original paragraphs beginning at page 19, line 9, and page 20, line 6. These paragraphs provide variations on

embodiments of the invention, and thus further support for these figures is found throughout the application where those embodiments are discussed.

5 **II. OBJECTION TO THE DRAWINGS**

As noted above, the drawings were objected to as allegedly not showing every feature of the invention specified in the claims, and the examiner specifically cited the control system as a feature not depicted. Applicants respectfully traverse this assertion,
10 but also add a figure containing a reference to a control system.

Applicants note the specification recites that “the control system can be provided in **hardware and/or software within the chassis . . .**” (*See*, page 20, lines 26-27, emphasis added). Since the controller can be incorporated into the cooled chips
15 themselves, and the cooled chips have been depicted, Applicants respectfully assert that no separate depiction of a controller in the figures should be required.

Additionally, new FIG. 10 includes a reference to control system 521. Because FIG. 10, as amended, depicts the control system, and because the control system may be
20 incorporated into hardware (e.g., the cooled chips) already depicted in the figures, Applicants respectfully request the 37 C.F.R. § 1.83(a) objection to the drawings be withdrawn.

25 **III. REJECTIONS UNDER 35 U.S.C. § 112**

Claims 4 and 19 were rejected under § 112 over wording issues. Claims 4 and 19 have been appropriately amended. Claims 11, 12, 14 and 15 were rejected under § 112 over the issue of the depiction of the control system in the drawings. This issue has been
30 addressed, as described in the above section entitled Objection to the Drawings. Additionally, claims 11, 14 and 15 have been canceled. Applicants therefore respectfully request the rejections under § 112 to claims 4, 11, 12, 14 and 15 be withdrawn.

IV. REJECTIONS OVER THE CITED ART

A. Claims 1-20

Independent claims 1, 16 and 17 have been amended, incorporating features
5 related to those previously recited in claim 15. Regarding the prior rejection of claim 15,
Applicants respectfully note that none of the cited art discloses a control system
configured to control the relative rate of coolant flow to the first and second computer
components. In light of the present amendment and these remarks, Applicants respectfully
request the rejections of claims 1-10, 12 and 16-20 over the cited art be withdrawn.

B. Claim 27

Applicants note with appreciation that claim 27 was not rejected over the cited art.

V. DOUBLE PATENTING REJECTION

Claims 1-29 was rejected under the judicially created doctrine of obviousness-type
double patenting. Applicants respectfully disagree that the claims of the present
20 application are not patentably distinct from those of copending Application No.
10/772,115. Nevertheless, to provide for expeditious handling of the application,
applicants enclose a terminal disclaimer in compliance with 37 C.F.R. § 1.321(c). In light
of the terminal disclaimer, applicants respectfully request the double patenting rejection be
withdrawn.

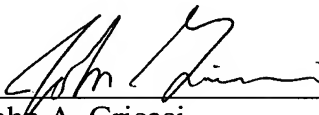
III. CONCLUSION

In view of the foregoing, Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

PATEL et al.

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Amendments to the Drawings:

The attached sheet of drawings includes new FIGS. 10 and 11.

5 Attachment: New Sheet
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